

WHAT IS CLAIMED IS:

1. A detergent and conditioning cosmetic composition, comprising:

(A) a washing base comprising at least one anionic surfactant and at least one amphoteric surfactant, wherein the amphoteric surfactant/anionic surfactant ratio by weight is greater than or equal to 0.2:1; and,

(B) a conditioner system comprising at least one aminated silicone having an amine number greater than or equal to 0.4 meq/g, said at least one aminated silicone being chosen from:

(a) aminated silicone polymers corresponding to the formula:



in which:

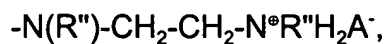
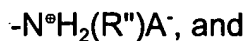
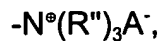
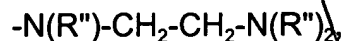
G is chosen from a hydrogen atom, phenyl, OH, and C₁-C₈ alkyl groups;

a is chosen from 0, 1, 2, and 3;

b is chosen from 0 and 1;

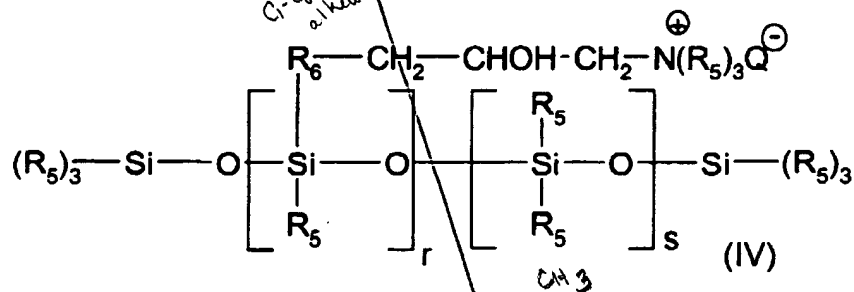
m and n are chosen from numbers such that the sum (n+m) varies from 1 to 2000;

R' is chosen from monovalent radicals of formula -C_qH_{2q}L, wherein q is chosen from a number ranging from 2 to 8 and L is chosen from optionally quaternized amino groups chosen from:



wherein R'' , which are identical or different, are chosen from a hydrogen atom, and phenyl, benzyl and saturated monovalent hydrocarbon-comprising radicals, and A^- is chosen from organic and inorganic anions; and

(b) cationic silicone polymers corresponding to the following formula (IV):



in which:

R_5 is chosen from monovalent hydrocarbon-comprising radicals having from 1 to 18 carbon atoms;

R_6 is chosen from divalent hydrocarbon-comprising radicals;

Q^- is chosen from organic and inorganic anions;

r represents a mean statistical value ranging from 2 to 20;

s represents a mean statistical value ranging from 20 to 200.

2. The composition according to Claim 1, wherein the amine number ranges from 0.5 to 5 meq/g.

3. The composition according to Claim 1, wherein said washing base is present in said composition in an amount ranging from 4% to 50% by weight with respect to the total weight of the composition.

4. The composition according to Claim 3, wherein the amount of washing base ranges from 6% to 35% by weight relative to the total weight of the composition.

5. The composition according to Claim 4, wherein the amount of washing base ranges from 8% to 25% by weight relative to the total weight of the composition.

6. The composition according to Claim 1, wherein said at least one anionic surfactant is present in said composition in an amount ranging from 3 to 30% by weight relative to the total weight of the composition.

7. The composition according to Claim 6, wherein the amount of said at least one anionic surfactant ranges from 5% to 20% by weight relative to the total weight of the composition.

8. The composition according to Claim 1, wherein the at least one amphoteric surfactant is present in said composition an amount ranging from 1 to 20% by weight, relative to the total weight of the composition.

9. The composition according to Claim 8, wherein the amount of the at least one amphoteric surfactant ranges from 1.5 to 15% by weight, relative to the total weight of the composition.

10. The composition according to Claim 1, wherein the amphoteric surfactant/anionic surfactant ratio by weight ranges from 0.2:1 to 10:1.

11. The composition according to Claim 10, wherein the amphoteric surfactant/anionic surfactant ratio by weight ranges from 0.25:1 to 5:1.

12. The composition according to Claim 11, wherein the amphoteric surfactant/anionic surfactant ratio by weight ranges from 0.3:1 to 3:1.

13. The composition according to Claim 1, wherein G is a methyl group.

14. The composition according to Claim 1, wherein a is 0.

15. The composition according to Claim 1, wherein b is 1.

16. The composition according to Claim 1, wherein the sum (n+m) varies from 50 to 150.

17. The composition according to Claim 1, wherein n is chosen from the numbers 0 to 1999 and m is chosen from the numbers 1 to 2000.

18. The composition according to Claim 17, wherein n is chosen from the numbers 49 to 149.

19. The composition according to Claim 17, wherein m is chosen from the numbers 1 to 10.

20. The composition according to Claim 1, wherein the saturated monovalent hydrocarbon-comprising radicals are chosen from alkyl radicals having from 1 to 20 carbon atoms.

21. The composition according to Claim 20, wherein the saturated monovalent hydrocarbon-comprising radicals are a methyl radical.

22. The composition according to Claim 1, wherein R_5 is chosen from C_1 - C_{18} alkyl and C_2 - C_{18} alkenyl radicals.

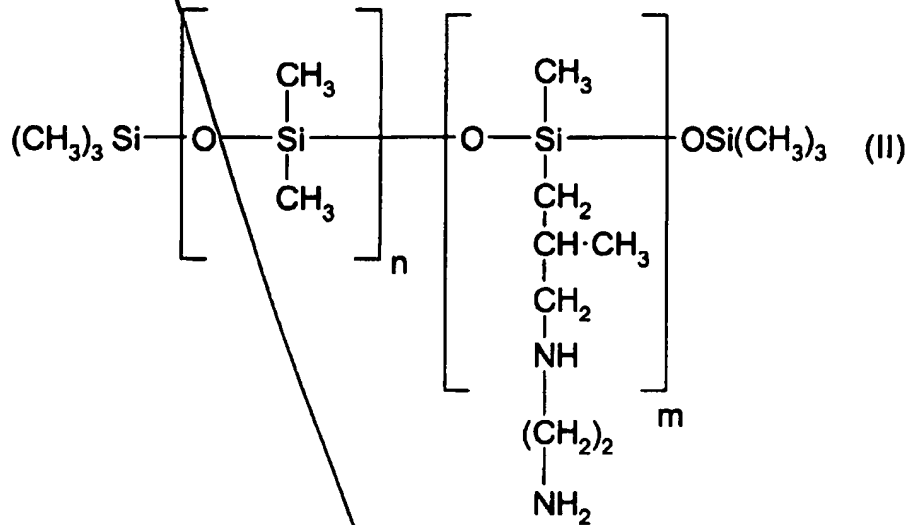
23. The composition according to Claim 22, wherein R_5 is a methyl radical.

24. The composition according to Claim 1, wherein R_6 is chosen from divalent C_1 - C_{18} alkylene radicals and divalent C_1 - C_{18} alkyleneoxy radicals.

25. The composition according to claim 24, wherein R_6 is chosen from divalent C_1 - C_8 alkylene radicals and divalent C_1 - C_8 alkyleneoxy radicals.

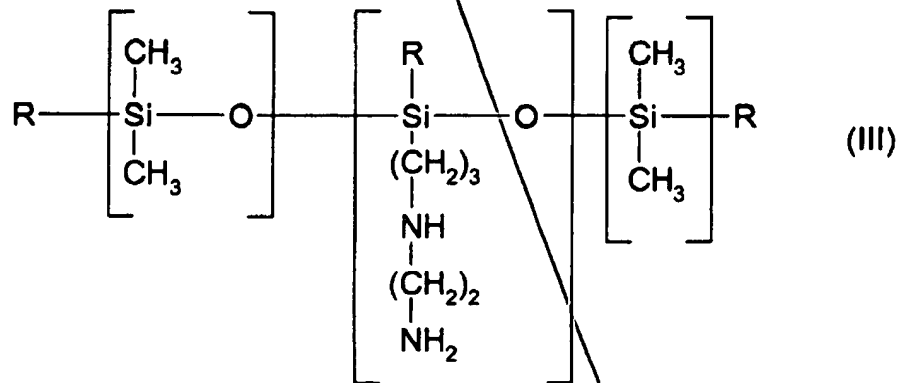
26. The composition according to Claim 1, wherein the at least one aminated silicone is chosen from:

- trimethylsilylamodimethicone polymers having the formula:



in which m and n are chosen from numbers such that the sum (n+m) ranges from 1 to 2000; and,

- amodimethicone polymer having the formula:



in which R is chosen from OH and methyl.

27. The composition according to Claim 26, wherein n is chosen from the numbers 0 to 1999 and m is chosen from the numbers 1 to 2000.

28. The composition according to Claim 27, wherein n is chosen from the numbers 49 to 149.

29. The composition according to Claim 27, wherein m is chosen from the numbers 1 to 10.

30. The composition according to Claim 1, wherein the at least one aminated silicone is present in said composition in an amount ranging from 0.05 to 15% by weight relative to the total weight of the composition.

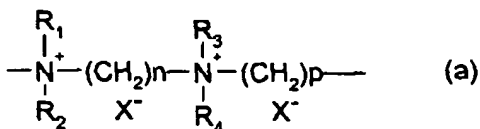
31. The composition according to Claim 30, wherein the amount of said at least one aminated silicone ranges from 0.2 to 10% by weight relative to the total weight of the composition.

32. The composition according to Claim 1, wherein said composition further comprises at least one adjuvant chosen from cationic surface-active agents; anionic, non-ionic, cationic, and amphoteric polymers; proteins; protein hydrolysates; ceramides; pseudoceramides; fatty acids comprising linear C_{16} - C_{40} chains; fatty acids comprising branched C_{16} - C_{40} chains; hydroxy acids; vitamins; panthenol; volatile and non-volatile silicones other than the silicones defined in formula (I) and (IV) of Claim 1, said other silicones being soluble or insoluble in the medium; UV screening agents; moisturizing agents; antidandruff and antiseborrhoeic agents; and agents for combating free radicals.

33. The composition according to Claim 32, wherein said fatty acid is 18-methyl-eicosanoic acid.

34. The composition according to Claim 32, wherein the cationic polymers are chosen from quaternary derivatives of cellulose ether; diallyldimethylammonium salt homopolymers; copolymers of diallyldimethylammonium salt and acrylamide; cationic polysaccharides; and copolymers of vinylpyrrolidone and methylvinylimidazolium salt.

35. The composition according to Claim 32, wherein the cationic polymers are chosen from polymers comprising repeat units corresponding to the formula:



in which R₁, R₂, R₃ and R₄, which are identical or different, are chosen from alkyl and hydroxyalkyl radicals having from 1 to 4 carbon atoms, n and p are chosen from integers ranging from 2 to 20 and X⁻ is chosen from anions of inorganic and organic acids.

36. The composition according to Claim 32, wherein the cationic polymers are present in said composition in an amount ranging from 0.001% to 10% by weight, relative to the total weight of the composition.

37. The composition according to Claim 36, wherein the amount of cationic polymers range from 0.005% to 5% by weight, relative to the total weight of the composition.

38. The composition according to Claim 37, wherein the amount of cationic polymer ranges from 0.01% to 3% by weight, relative to the total weight of the composition.

39. The composition according to Claim 1, further comprising a cosmetically acceptable aqueous medium, wherein said medium is chosen from water and a mixture of water and a cosmetically acceptable solvent.

40. The composition according to Claim 39, wherein the cosmetically acceptable solvent is chosen from C₁-C₁₂ alcohols, polyols, and glycol ethers.

41. The composition according to Claim 40, wherein:

the C₁-C₁₂ alcohols are chosen from ethanol, isopropanol, tert-butanol, n-butanol, hexanol and decanol; and

the polyols are chosen from alkylene glycols.

42. The composition according to Claim 41 wherein the alkylene glycols are chosen from propylene glycol, glycerol and poly(alkylene glycol)s.

43. The composition according to Claim 39, wherein said solvent is present in an amount ranging from 0.1 to 20% by weight relative to the total weight of the composition.

44. A composition for cleaning or removing make-up from keratinous substances, or for conditioning keratinous substances, comprising:

(A) a washing base comprising at least one anionic surfactant and at least one amphoteric surfactant, wherein the amphoteric surfactant/anionic surfactant ratio by weight is greater than or equal to 0.2:1; and,

(B) a conditioner system comprising at least one aminated silicone having an amine number greater than or equal to 0.4 meq/g, said at least one aminated silicone being chosen from:

(a) aminated silicone polymers corresponding to the formula:



in which:

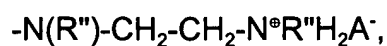
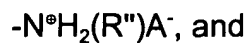
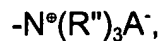
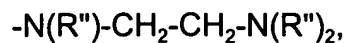
G is chosen from a hydrogen atom, phenyl, OH, and C₁-C₈ alkyl groups;

a is chosen from 0, 1, 2, and 3;

b is chosen from 0 and 1;

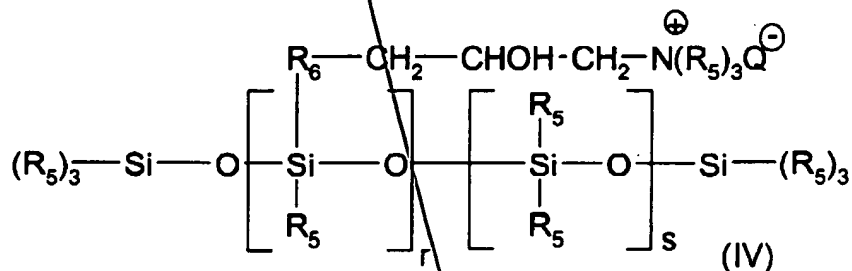
m and n are chosen from numbers such that the sum (n+m) varies from 1 to 2000;

R' is chosen from monovalent radicals of formula -C_qH_{2q}L, wherein q is chosen from a number ranging from 2 to 8 and L is chosen from optionally quaternized amino groups chosen from:



wherein R'' , which are identical or different, are chosen from a hydrogen atom, and phenyl, benzyl and saturated monovalent hydrocarbon-comprising radicals, and A^- is chosen from organic and inorganic anions; and

(b) cationic silicone polymers corresponding to the following formula (IV):



in which:

R_5 is chosen from monovalent hydrocarbon-comprising radicals having from 1 to 18 carbon atoms;

R_6 is chosen from divalent hydrocarbon-comprising radicals;

Q^- is chosen from organic and inorganic anions;

r represents a mean statistical value ranging from 2 to 20;

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45. A shampoo comprising:

(A) a washing base comprising at least one anionic surfactant and at least one amphoteric surfactant, wherein the amphoteric surfactant/anionic surfactant ratio by weight is greater than or equal to 0.2:1; and,

(B) a conditioner system comprising at least one aminated silicone having an amine number greater than or equal to 0.4 meq/g, said at least one aminated silicone being chosen from:

(a) aminated silicone polymers corresponding to the formula:



in which:

G is chosen from a hydrogen atom, phenyl, OH, and C₁-C₈ alkyl groups;

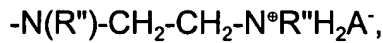
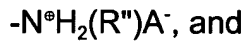
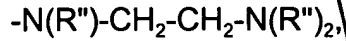
a is chosen from 0, 1, 2, and 3;

b is chosen from 0 and 1;

m and n are chosen from numbers such that the sum (n+m) varies from 1 to 2000;

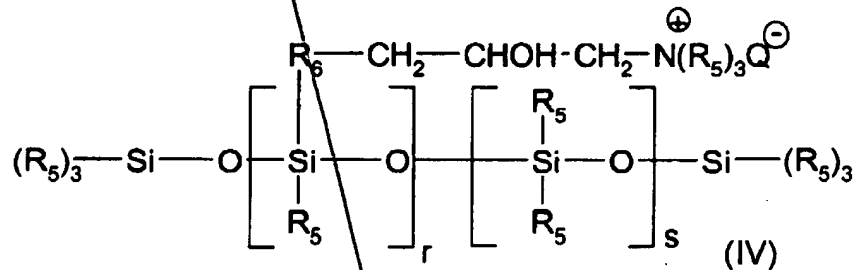
R' is chosen from monovalent radicals of formula -C_qH_{2q}L, wherein q is chosen from a number ranging from 2 to 8 and L is chosen from optionally quaternized amino groups

chosen from:



wherein R'' , which are identical or different, are chosen from a hydrogen atom, and phenyl, benzyl and saturated monovalent hydrocarbon-comprising radicals, and A^- is chosen from organic and inorganic anions; and

(b) cationic silicone polymers corresponding to the following formula (IV):



in which:

R_5 is chosen from monovalent hydrocarbon-comprising radicals having from 1 to 18 carbon atoms;

R_6 is chosen from divalent hydrocarbon-comprising radicals;

Q⁻ is chosen from organic and inorganic anions;

r represents a mean statistical value ranging from 2 to 20;

s represents a mean statistical value ranging from 20 to 200.

46. A process for washing and for conditioning keratinous substances,
comprising:

applying an effective amount of a detergent and conditioning cosmetic
composition to wetted keratinous substances; and, subsequently,

rinsing said keratinous substances with water, after an optional period of rest,
said detergent and conditioning cosmetic composition comprising:

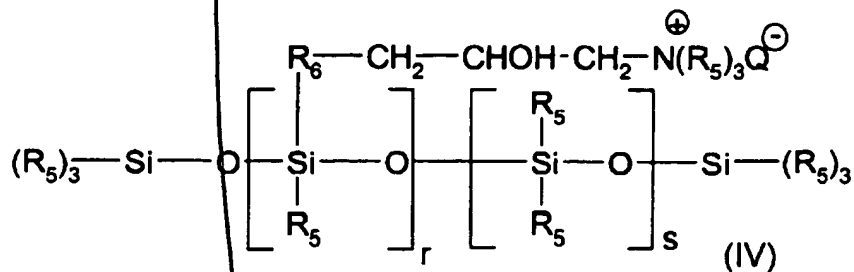
(A) a washing base comprising at least one anionic surfactant and at least one
amphoteric surfactant, wherein the amphoteric surfactant/anionic surfactant ratio by
weight is greater than or equal to 0.2:1; and,

(B) a conditioner system comprising at least one aminated silicone having an
amine number greater than or equal to 0.4 meq/g, said at least one aminated silicone
being chosen from:

(a) aminated silicone polymers corresponding to the formula:



in which:



in which:

R_5 is chosen from monovalent hydrocarbon-comprising radicals having from 1 to 18 carbon atoms;

R_6 is chosen from divalent hydrocarbon-comprising radicals;

Q^- is chosen from organic and inorganic anions;

r represents a mean statistical value ranging from 2 to 20;

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